

I. AMENDMENTS TO THE SPECIFICATION

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The physicochemical properties are determined using the following measurement methods:

BET surface area	Areometer, Ströhlein, to ISO 5794/Annex D
Pore volume	Mercury porosimetry to DIN 66 133
Silanol group density	in Sears values according to G.W. Sears, <u><i>Anal. Chem.</i> 28(12):1981 (1956)</u> <i>Analyt. Chemistry</i> 12, 1982-1983 (1956)
Average aggregate size	Photon correlation spectroscopy
CTAB surface area	at pH 9 according to [Jay,] Janzen <i>et al.</i> , <i>Rubber Chemistry and Technology</i> 44:1287 (1971)
DBP value	ASTM D 2414-88
Hg porosity	DIN 66 133

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It is possible to determine the silanol surface groups of silicas and silicates by a titration procedure which has been put forward by Sears (*Anal. Chem.* 28(12):1981 (1956) [pp. 1956 (1981)]). The specific consumption of potassium hydroxide solution is primarily a function of the specific surface area, the silanol group density as well as the extent of a possible hydrophobisation of the surface under the given experimental conditions. The method implemented here may be also used for hydrophobic silica and silicates. This procedure refers to 5 g test material.